

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a new utility patent
application of: **Mao-Jen CHEN**

Title of Invention: **METHOD OF USING BIPOLAR JUNCTION
TRANSISTOR AS LOCAL OSCILLATOR IN A SATELLITE DOWN CONVERTER
TO ELIMINATE SECOND AND THIRD HARMONIC INTERFERENCE BETWEEN
LOCAL OSCILLATORS**

Enclosed are:

A specification and 1 claim.

One (1) sheet of formal drawings (Figs. 1-1).

A Combined Declaration and Power of Attorney

Verified statement to establish **SMALL** Entity Status
under 37 CFR § 1.9 and 37 CFR § 1.27.


Assignment to: **Prime Electronics & Statellites Inc.**

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	<u>SMALL</u>		<u>LARGE</u>	
			<u>ENTITY</u>		<u>ENTITY</u>	
			<u>RATE</u>	<u>FEE</u>	<u>RATE</u>	<u>FEE</u>
BASIC FEE			<u>\$355.00</u>		<u>\$710.00</u>	
TOTAL CLAIMS	1 - 20	=	\$ 9.		\$18.	
INDEP CLAIMS	1 - 3	=	\$ 40.		\$80.	
MULTIPLE DEPENDENT CLAIMS			<u>\$135.</u>		<u>\$270.</u>	
TOTAL			<u>\$355.00</u>		<u>\$</u>	

- X A check in the amount of **\$395.00** to cover the government
filing fee and the assignment recording fee is enclosed.
- X The Commissioner is hereby authorized to charge any additional
fees associated with this communication, including patent
application filing fees and processing fees under 37 CFR 1.16
and 37 CFR 1.17 or credit any overpayment to **Deposit Account
No. 501874.**

Date: August 14, 2001


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